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|--|--|---|--|
| <b>Issue Classification</b><br> | <b>Application/Control No.</b><br>10/708,587 | <b>Applicant(s)/Patent under Reexamination</b><br>MARUTA ET AL. |  |
|  | <b>Examiner</b><br>Kevin M. Picardat         | <b>Art Unit</b><br>2822   |  |

| ISSUE CLASSIFICATION  |   |          |   |       |  |                                   |     |     |  |                                 |                         |  |
|---|---|----------|---|-------|--|-----------------------------------|-----|-----|--|---------------------------------|-------------------------|--|
| ORIGINAL  |   |          |   |       | CROSS REFERENCE(S)   |                                   |     |     |  |                                 |                         |  |
| CLASS   |   | SUBCLASS |   |       | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |     |  |                                 |                         |  |
| 438   |   | 4        |   |       | 438  | 462                               | 712 | 961 |  |                                 |                         |  |
| INTERNATIONAL CLASSIFICATION  |   |          |   |       |  |                                   |     |     |  |                                 |                         |  |
| H   | 0 | 1        | L | 21/00 |  |                                   |     |     |  |                                 |                         |  |
|   |   |          |   | /     |  |                                   |     |     |  |                                 |                         |  |
|   |   |          |   | /     |  |                                   |     |     |  |                                 |                         |  |
|   |   |          |   | /     |  |                                   |     |     |  |                                 |                         |  |
|   |   |          |   | /     |  |                                   |     |     |  |                                 |                         |  |
|   |   |          |   |       | <br>Kevin M. Picardat 12-08-05<br>(Primary Examiner) (Date) |                                   |     |     |  | <b>Total Claims Allowed: 16</b> |                         |  |
| (Assistant Examiner) (Date)<br><br>(Legal Instruments Examiner) (Date) |   |          |   |       |  |                                   |     |     |  | O.G.<br>Print Claim(s)<br>1     | O.G.<br>Print Fig.<br>4 |  |

| <input checked="" type="checkbox"/> <b>Claims renumbered in the same order as presented by applicant</b> |          |       |          |       |          |       |          |       |          |       |          | <input type="checkbox"/> <b>CPA</b> |          | <input type="checkbox"/> <b>T.D.</b> |  | <input type="checkbox"/> <b>R.1.47</b> |  |
|--|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------------------------------------|----------|--------------------------------------|--|--|--|
| Final  | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final                               | Original |                                      |  |  |  |
|  | 1        |       | 31       |       | 61       |       | 91       |       | 121      |       | 151      |                                     | 181      |                                      |  |  |  |
|  | 2        |       | 32       |       | 62       |       | 92       |       | 122      |       | 152      |                                     | 182      |                                      |  |  |  |
|  | 3        |       | 33       |       | 63       |       | 93       |       | 123      |       | 153      |                                     | 183      |                                      |  |  |  |
|  | 4        |       | 34       |       | 64       |       | 94       |       | 124      |       | 154      |                                     | 184      |                                      |  |  |  |
|  | 5        |       | 35       |       | 65       |       | 95       |       | 125      |       | 155      |                                     | 185      |                                      |  |  |  |
|  | 6        |       | 36       |       | 66       |       | 96       |       | 126      |       | 156      |                                     | 186      |                                      |  |  |  |
|  | 7        |       | 37       |       | 67       |       | 97       |       | 127      |       | 157      |                                     | 187      |                                      |  |  |  |
|  | 8        |       | 38       |       | 68       |       | 98       |       | 128      |       | 158      |                                     | 188      |                                      |  |  |  |
|  | 9        |       | 39       |       | 69       |       | 99       |       | 129      |       | 159      |                                     | 189      |                                      |  |  |  |
|  | 10       |       | 40       |       | 70       |       | 100      |       | 130      |       | 160      |                                     | 190      |                                      |  |  |  |
|  | 11       |       | 41       |       | 71       |       | 101      |       | 131      |       | 161      |                                     | 191      |                                      |  |  |  |
|  | 12       |       | 42       |       | 72       |       | 102      |       | 132      |       | 162      |                                     | 192      |                                      |  |  |  |
|  | 13       |       | 43       |       | 73       |       | 103      |       | 133      |       | 163      |                                     | 193      |                                      |  |  |  |
|  | 14       |       | 44       |       | 74       |       | 104      |       | 134      |       | 164      |                                     | 194      |                                      |  |  |  |
|  | 15       |       | 45       |       | 75       |       | 105      |       | 135      |       | 165      |                                     | 195      |                                      |  |  |  |
|  | 16       |       | 46       |       | 76       |       | 106      |       | 136      |       | 166      |                                     | 196      |                                      |  |  |  |
|  | 17       |       | 47       |       | 77       |       | 107      |       | 137      |       | 167      |                                     | 197      |                                      |  |  |  |
|  | 18       |       | 48       |       | 78       |       | 108      |       | 138      |       | 168      |                                     | 198      |                                      |  |  |  |
|  | 19       |       | 49       |       | 79       |       | 109      |       | 139      |       | 169      |                                     | 199      |                                      |  |  |  |
|  | 20       |       | 50       |       | 80       |       | 110      |       | 140      |       | 170      |                                     | 200      |                                      |  |  |  |
|  | 21       |       | 51       |       | 81       |       | 111      |       | 141      |       | 171      |                                     | 201      |                                      |  |  |  |
|  | 22       |       | 52       |       | 82       |       | 112      |       | 142      |       | 172      |                                     | 202      |                                      |  |  |  |
|  | 23       |       | 53       |       | 83       |       | 113      |       | 143      |       | 173      |                                     | 203      |                                      |  |  |  |
|  | 24       |       | 54       |       | 84       |       | 114      |       | 144      |       | 174      |                                     | 204      |                                      |  |  |  |
|  | 25       |       | 55       |       | 85       |       | 115      |       | 145      |       | 175      |                                     | 205      |                                      |  |  |  |
|  | 26       |       | 56       |       | 86       |       | 116      |       | 146      |       | 176      |                                     | 206      |                                      |  |  |  |
|  | 27       |       | 57       |       | 87       |       | 117      |       | 147      |       | 177      |                                     | 207      |                                      |  |  |  |
|  | 28       |       | 58       |       | 88       |       | 118      |       | 148      |       | 178      |                                     | 208      |                                      |  |  |  |
|  | 29       |       | 59       |       | 89       |       | 119      |       | 149      |       | 179      |                                     | 209      |                                      |  |  |  |
|  | 30       |       | 60       |       | 90       |       | 120      |       | 150      |       | 180      |                                     | 210      |                                      |  |  |  |